

FIG. 1

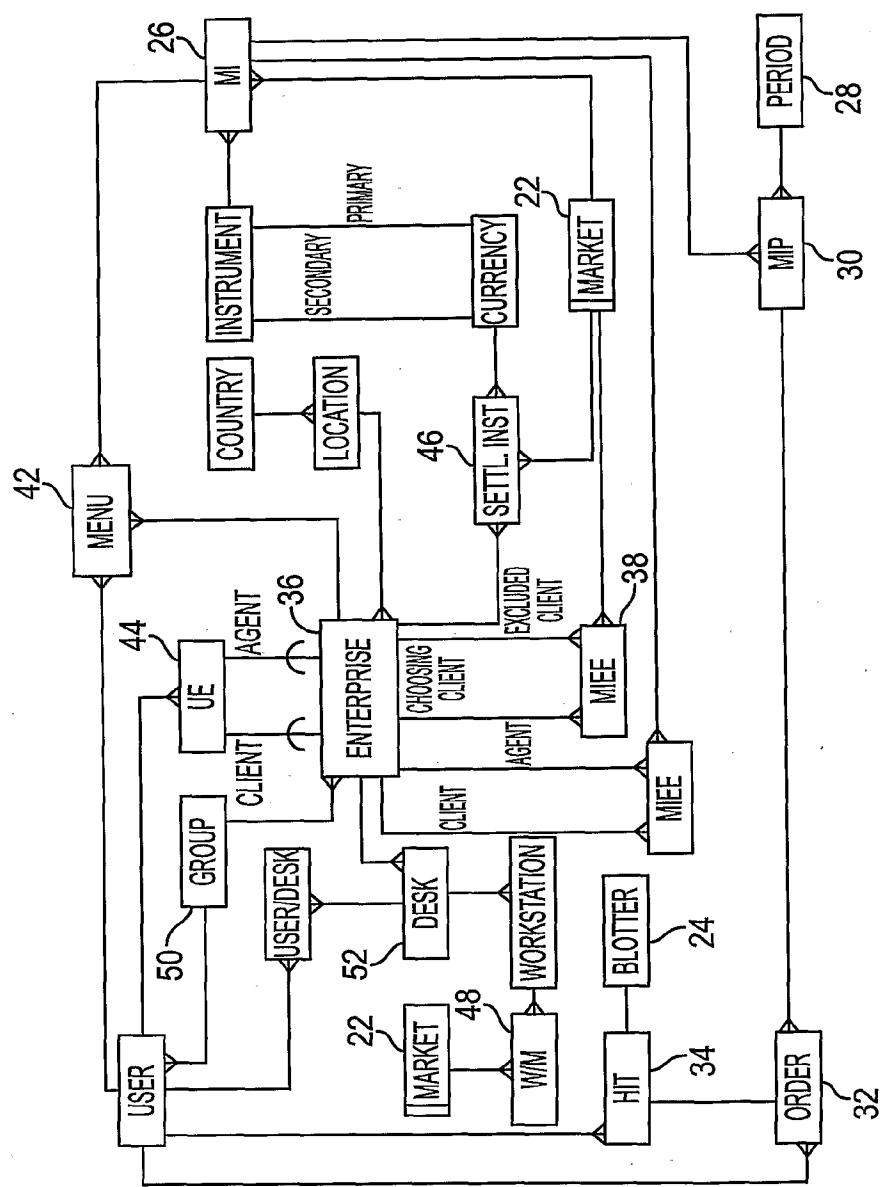


FIG. 2

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A E F X

A E F X USER DEFAULTS	
Submit	<input type="checkbox"/> Willingness To Quote
1 < Go >	<input type="checkbox"/> 2 < Go >
	<input type="checkbox"/> 3 < Go >
	Willingness To Trade
	<input type="checkbox"/> Menu
Firm CHASE MANHATTAN BANK Group CHASE MANHATTAN BANK Credit rating AAA Location BAN Country THAILAND Country of origin Unknown Origin UUID 433230 London rules <input type="checkbox"/> Show index numbers <input checked="" type="checkbox"/> Y Credit filter <input type="checkbox"/> BBB Amount filter <input type="checkbox"/> 0xDefault	

54

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 Princeton:609-279-3000 Singapore:226-3000 Sydney:2-977-8666 Tokyo:3-3201-8900 Sao Paulo:11-3048-4500
 1352-1150-1 23-Nov-99 9:31:50



FIG. 3

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<HELP> for explanation.

DG61 a Govt AEFX

AEFX USER DEFAULTS

<input type="button" value="Submit"/>	<input type="button" value="Willingness To Quote"/>	<input type="button" value="Willingness To Trade"/>	<input type="button" value="Menu"/>																		
<input type="button" value="1 <Go>"/>	<input type="button" value="2 <Go>"/>	<input type="button" value="3 <Go>"/>																			
<table border="1"> <tr> <td>Name</td> <td>CHASE MANHATTAN BANK</td> </tr> <tr> <td>Firm</td> <td>CHASE MANHATTAN CORP</td> </tr> <tr> <td>Group</td> <td></td> </tr> <tr> <td>Credit rating</td> <td>AA</td> </tr> <tr> <td>Location</td> <td>PAR</td> </tr> <tr> <td>Country</td> <td>FRANCE</td> </tr> <tr> <td>of origin</td> <td>USA</td> </tr> <tr> <td>London rules</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Show index numbers</td> <td><input checked="" type="checkbox"/></td> </tr> </table>				Name	CHASE MANHATTAN BANK	Firm	CHASE MANHATTAN CORP	Group		Credit rating	AA	Location	PAR	Country	FRANCE	of origin	USA	London rules	<input checked="" type="checkbox"/>	Show index numbers	<input checked="" type="checkbox"/>
Name	CHASE MANHATTAN BANK																				
Firm	CHASE MANHATTAN CORP																				
Group																					
Credit rating	AA																				
Location	PAR																				
Country	FRANCE																				
of origin	USA																				
London rules	<input checked="" type="checkbox"/>																				
Show index numbers	<input checked="" type="checkbox"/>																				

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 1352-1150-0 16-Dec-89 13:16:37



FIG. 4

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A E F X

A E F X WILLINGNESS TO QUOTE

Submit	Clear
1 <Go>	2 <Go>

AUDUSD	<input type="checkbox"/> FIMUSD	<input type="checkbox"/> USDCLP	<input type="checkbox"/> USDMXN
CADUSD	<input type="checkbox"/> GBPEUR	<input type="checkbox"/> USDCNY	<input type="checkbox"/> USDMYR
CHEJPY	<input type="checkbox"/> GBPJPY	<input type="checkbox"/> USDCOP	<input type="checkbox"/> USDNOK
CHEUSD	<input type="checkbox"/> GBPUSD	<input type="checkbox"/> USDCZK	<input type="checkbox"/> USDOPEN
DKUSD	<input type="checkbox"/> GRDUSD	<input type="checkbox"/> USDDKK	<input type="checkbox"/> USDPHP
EURCHF	<input type="checkbox"/> HKDUSD	<input type="checkbox"/> USDEC5	<input type="checkbox"/> USDPLN
EURCZK	<input type="checkbox"/> IDRUSD	<input type="checkbox"/> USDGRD	<input type="checkbox"/> USDRUB
EURDKK	<input type="checkbox"/> MYRUSD	<input type="checkbox"/> USDHKD	<input type="checkbox"/> USDSAR
EURGBP	<input type="checkbox"/> NZDUSD	<input type="checkbox"/> USDHUF	<input type="checkbox"/> USDSSD
EURGRD	<input type="checkbox"/> USDAED	<input type="checkbox"/> USDIDR	<input type="checkbox"/> USDSEK
EURJPY	<input type="checkbox"/> USDARS	<input type="checkbox"/> USDILS	<input type="checkbox"/> USDSGD
EURNOK	<input type="checkbox"/> USDBRL	<input type="checkbox"/> USDINR	<input type="checkbox"/> USDSKK
EURSEK	<input type="checkbox"/> USDCAD	<input type="checkbox"/> USDJPY	<input type="checkbox"/> USDTHB
EURUSD	<input type="checkbox"/> USDCDE	<input type="checkbox"/> USDKRW	<input type="checkbox"/> USDTRL
EURZAR	<input type="checkbox"/> USDCHF	<input type="checkbox"/> USDKWD	<input type="checkbox"/> USDTWD

60

60

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 1641-229-1 22-Sep-99 13:32:57

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FIG. 5

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A E F F X

A E F F X W I L L I N G N E S S T O T R A D E

- 1)Edit Current Firm Restrictions
- 2)Edit Group Restrictions
- 3)Edit Country Restrictions
- 4)Edit Country of Origin Restrictions
- 5)Edit Existing Firm Exceptions
- 6)Add Firm Restrictions
- 7)Add Group Restrictions
- 8)Add Country Restrictions
- 9)Add Country of Origin Restrictions
- 10)Add Firm Exceptions

Menu

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Sao Paulo:11-3048-4500 I352-1150-1 23-Nov-99 9:31:57



FIG. 6

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A E F X

A E F X EXISTING COUNTRY RESTRICTIONS

Submit	Menu
1 <Go>	

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Place an X in the field to remove a restriction

- AD, ANDORRA
- CU, CUBA
- FI, FINLAND
- GG, GUERNSEY

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 1352-1150-1 23-Nov-99 9:32:41



FIG. 7

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A E F X

A E F X EXISTING FIRM RESTRICTIONS

Submit 1 <GO>

Page 1/ 1

Place an X in the field to remove a restriction

- A-J STEVENS, HKG
- ABB TREASURY CENTRE (UK) PLC, LON
- AGRICULTURAL BANK OF CHINA, HKG
- AGRICULTURAL BANK OF CHINA, SIN
- ALLIED IRISH BANKS PLC, DBN
- ALLIED IRISH BANKS PLC, SIN
- ALLIED IRISH BANKS PLC (GRP TSY), LON

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 Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8900 Sao Paulo:11-3048-4500
 1352-1150-1 23-Nov-99 9:32:34



FIG. 8

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A E F X

A E F X ADD COUNTRY RESTRICTIONS

 1 <Go>

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Place an X in the field to add a restriction

- AD, ANDORRA
- AE, UNITED ARAB EMIRATES
- AN, NETHERLANDS ANTILLES
- AR, ARGENTINA
- AT, AUSTRIA
- AU, AUSTRALIA
- AW, ARUBA
- BB, BARBADOS
- BE, BELGIUM
- BG, BULGARIA
- BH, BAHRAIN
- BM, BERMUDA
- BR, BRAZIL
- BS, BAHAMAS
- CA, CANADA

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 Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-6900 Sao Paulo:11-3048-4500
 1352-1150-1 23-Nov-99 9:32:20



FIG. 9

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A E F X

A E F X ADD FIRM RESTRICTIONS

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Place an X in the field to add a restriction

A-J STEVENS, HKG
 ABB TREASURY CENTRE (UK) PLC, LON
 ABBEY NATIONAL FINANCIAL PRODUCT, LON
 ABBEY NATIONAL TREASURY SERVICES, LON
 ABC INTERNATIONAL BANK PLC, LON
 ABN AMRO (MAGYAR) BANK RT, BUD
 ABN AMRO AUSTRALIA LTD, SYD
 ABN AMRO BANK, BAN
 ABN AMRO BANK, JAK
 ABN AMRO BANK (DEUTSCHLAND) AG, FFI
 ABN AMRO BANK (DEUTSCHLAND) AG, HAM
 ABN AMRO BANK (OESTERREICH), VIE
 ABN AMRO BANK (POLSKA) SA, WAR
 ABN AMRO BANK (SWZ) AG, ZCH
 ABN AMRO BANK BHD, KUA

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 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8500 Sao Paulo:11-3048-4500
 Princeton:609-279-3000 1352-1150-1 23-Nov-99 9:32:10

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FIG. 10

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<HELP> for explanation.

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FX SWAP ORDER EDIT						
<input type="button" value="Submit"/> <input type="button" value="Delete"/> <input type="button" value="Hold"/> <input type="button" value="3 <Go>"/> <input type="button" value="Menu"/>						
XEU XUS SPOT 5M						Period
Current Price	Input Price	Quantity				
Bid	108	Near	20	SPOT	12/20/99	
Ask	108.200	Far	As Near		5M	5/22/00
Spot	1.0379	All or Nothing				
Price Increment <input type="text" value="0.1"/>						
Identifier	10,486	12/16/99	State	Open		
Copyright 1999 BLOOMBERG L.P.	Frankfurt:69-920410	Hong Kong:2-977-6000	London:171-330-7500	New York:212-318-2000		
Princeton:609-279-3000	Singapore:226-3000	Sydney:2-9777-8686	Tokyo:3-3201-8900	Sao Paulo:11-3048-4500		
				(352-1150-0	16-Dec-99	13:16:21



FIG. 11

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<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP MY ORDER																													
Submit	<input type="button" value="Reject Credit"/>	<input type="button" value="Insufficient Credit"/>	<input type="button" value="Menu"/>																										
1 <Go>	2 <Go>	3 <Go>																											
XEUXUS SPOT 5M																													
<table border="1"> <tr> <td>Ask</td> <td>108.200</td> <td>SPOT</td> <td>12/20/99</td> <td colspan="2"></td> </tr> <tr> <td></td> <td></td> <td>5M</td> <td>5/22/00</td> <td colspan="2"></td> </tr> </table>						Ask	108.200	SPOT	12/20/99					5M	5/22/00														
Ask	108.200	SPOT	12/20/99																										
		5M	5/22/00																										
<table border="1"> <tr> <td colspan="2">My Terms</td> <td>Accept</td> <td>Amount</td> <td colspan="2">COMMERZBANK</td> </tr> <tr> <td>Near</td> <td>20 M XEU</td> <td><input type="checkbox"/></td> <td></td> <td>Near</td> <td>20 M XEU</td> </tr> <tr> <td>Far</td> <td>As Near M</td> <td><input type="checkbox"/></td> <td></td> <td>Far</td> <td>As Near M</td> </tr> <tr> <td>Final</td> <td>Spot 1.0379</td> <td><input type="checkbox"/></td> <td></td> <td>Final</td> <td>Spot 0</td> </tr> </table>						My Terms		Accept	Amount	COMMERZBANK		Near	20 M XEU	<input type="checkbox"/>		Near	20 M XEU	Far	As Near M	<input type="checkbox"/>		Far	As Near M	Final	Spot 1.0379	<input type="checkbox"/>		Final	Spot 0
My Terms		Accept	Amount	COMMERZBANK																									
Near	20 M XEU	<input type="checkbox"/>		Near	20 M XEU																								
Far	As Near M	<input type="checkbox"/>		Far	As Near M																								
Final	Spot 1.0379	<input type="checkbox"/>		Final	Spot 0																								
<table border="1"> <tr> <td colspan="2">Spot Increment</td> <td colspan="4"></td> </tr> <tr> <td colspan="2"></td> <td colspan="4">0.0001</td> </tr> </table>						Spot Increment								0.0001															
Spot Increment																													
		0.0001																											
Identifier	10,486	12/16/99	State	Hit-at-Maker																									
<small>Copyright 1999 BLOOMBERG L.P. Frankfurt:69-920410 Hong Kong:2-9777-6000 London:171-330-7500 New York:212-318-2000 Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8900 Sao Paulo:11-3048-4500 1352-1150-0 16-Dec-99 13:20:07</small>																													
																													

FIG. 12

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A E F X

FX	SWAP	MY	HIT															
<input type="button" value="Submit"/> 1 <GO>	<input type="button" value="Delete"/> 2 <GO>																	
GBP USD SPOT 1M																		
<table border="1"> <tr> <td>Bid</td> <td>-4.99</td> <td>SPOT</td> <td>9/24/99</td> </tr> <tr> <td></td> <td>1M</td> <td></td> <td>10/25/99</td> </tr> </table>				Bid	-4.99	SPOT	9/24/99		1M		10/25/99							
Bid	-4.99	SPOT	9/24/99															
	1M		10/25/99															
<table border="1"> <tr> <td colspan="2">Counterparty PAR A</td> </tr> <tr> <td>Near</td> <td>40 M GBP</td> </tr> <tr> <td>Far</td> <td>As Near M</td> </tr> </table>				Counterparty PAR A		Near	40 M GBP	Far	As Near M									
Counterparty PAR A																		
Near	40 M GBP																	
Far	As Near M																	
<table border="1"> <tr> <td colspan="2">MY Terms</td> </tr> <tr> <td>Near</td> <td>40 M GBP</td> </tr> <tr> <td>Far</td> <td>As Near M</td> </tr> </table>				MY Terms		Near	40 M GBP	Far	As Near M									
MY Terms																		
Near	40 M GBP																	
Far	As Near M																	
<table border="1"> <tr> <td>Identifier</td> <td>6,005,260</td> <td>9/22/99</td> <td>State</td> <td>Open</td> </tr> </table>				Identifier	6,005,260	9/22/99	State	Open										
Identifier	6,005,260	9/22/99	State	Open														
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Copyright 1999 BLOOMBERG L.P.	Frankfurt:69-920410	Hong Kong:2-977-6000	London:171-330-7500	New York:212-318-2000														
Princeton:609-279-3000	Singapore:226-3000	Sydney:2-9777-8686	Tokyo:3-3201-6900	Sao Paulo:11-3048-4500														
			1541-239-1	22-Sep-99 13:33:49														
<table border="1"> <tr> <td> Bloomberg</td> </tr> <tr> <td>PROFESSIONAL</td> </tr> </table>				 Bloomberg	PROFESSIONAL													
 Bloomberg																		
PROFESSIONAL																		

FIG. 13

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<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP MY HIT													
XEUUS SPOT 5M													
<input type="button" value="Submit"/> <input type="button" value="Menu"/> 1 <GO>													
<table border="1"> <tr> <td>Ask</td> <td>108.200</td> <td>SPOT</td> <td>12/20/99</td> </tr> <tr> <td></td> <td></td> <td>5M</td> <td>5/22/00</td> </tr> </table>						Ask	108.200	SPOT	12/20/99			5M	5/22/00
Ask	108.200	SPOT	12/20/99										
		5M	5/22/00										
<table border="1"> <tr> <td colspan="2">My Terms</td> </tr> <tr> <td>Near</td> <td>20 M XEU</td> </tr> <tr> <td>Far</td> <td>As Near M</td> </tr> </table>						My Terms		Near	20 M XEU	Far	As Near M		
My Terms													
Near	20 M XEU												
Far	As Near M												
<table border="1"> <tr> <td colspan="2">Counterparty</td> </tr> <tr> <td>Near</td> <td>20 M XEU</td> </tr> <tr> <td>Far</td> <td>As Near M</td> </tr> </table>						Counterparty		Near	20 M XEU	Far	As Near M		
Counterparty													
Near	20 M XEU												
Far	As Near M												
Identifier	10,486	12/16/99	State	Open									
Copyright 1999 BLOOMBERG L.P. Frankfurt:69-920410 Hong Kong:2-977-6000 London:171-330-7500 New York:212-318-2000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8900 Sao Paulo:11-3048-4500 Princeton:609-279-3000 1352-1150-3 16-Dec-99 13:19:03													
													

FIG. 14

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A E F X

F X S W A P M Y O R D E R																													
<input type="button" value="Submit"/> 1 <Go>	<input type="button" value="Delete"/> 2 <Go>	<input type="button" value="Reject Credit"/> 3 <Go>																											
E U R U S D S P O T 3 M																													
<table border="1"> <tr> <td>Ask</td> <td>62.90</td> <td>SPOT</td> <td>9/24/99</td> </tr> <tr> <td></td> <td></td> <td>3M</td> <td>12/24/99</td> </tr> </table>						Ask	62.90	SPOT	9/24/99			3M	12/24/99																
Ask	62.90	SPOT	9/24/99																										
		3M	12/24/99																										
<table border="1"> <tr> <td colspan="2">My Terms</td> <td>Accept</td> <td>Amount</td> <td colspan="2">L O N A A A B A N K - C</td> </tr> <tr> <td>Near</td> <td>20 M EUR</td> <td><input checked="" type="checkbox"/> Y</td> <td>~72</td> <td>Near</td> <td>20 M EUR</td> </tr> <tr> <td>Far</td> <td>As Near M</td> <td><input type="checkbox"/> N</td> <td>~72</td> <td>Far</td> <td>As Near M</td> </tr> <tr> <td>Final</td> <td>Spot</td> <td><input type="checkbox"/> 0</td> <td></td> <td>Final</td> <td>Spot 1.0352</td> </tr> </table>						My Terms		Accept	Amount	L O N A A A B A N K - C		Near	20 M EUR	<input checked="" type="checkbox"/> Y	~72	Near	20 M EUR	Far	As Near M	<input type="checkbox"/> N	~72	Far	As Near M	Final	Spot	<input type="checkbox"/> 0		Final	Spot 1.0352
My Terms		Accept	Amount	L O N A A A B A N K - C																									
Near	20 M EUR	<input checked="" type="checkbox"/> Y	~72	Near	20 M EUR																								
Far	As Near M	<input type="checkbox"/> N	~72	Far	As Near M																								
Final	Spot	<input type="checkbox"/> 0		Final	Spot 1.0352																								
<table border="1"> <tr> <td colspan="2">Spot Increment</td> <td><input type="checkbox"/> 0.0001</td> </tr> </table>						Spot Increment		<input type="checkbox"/> 0.0001																					
Spot Increment		<input type="checkbox"/> 0.0001																											
<table border="1"> <tr> <td>Identifier</td> <td>6,004,590</td> <td>9/22/99</td> <td>State</td> <td colspan="2">Hit-at-Maker</td> </tr> </table>						Identifier	6,004,590	9/22/99	State	Hit-at-Maker																			
Identifier	6,004,590	9/22/99	State	Hit-at-Maker																									
<table border="1"> <tr> <td colspan="2">Copyright 1999 BLOOMBERG L.P. Frankfurt:69-920-410 Hong Kong:2-977-86000 London:171-330-7500 New York:212-318-2000</td> </tr> <tr> <td colspan="2">Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:03-3201-8900 Sao Paulo:11-3048-4500</td> </tr> <tr> <td colspan="2">1541-239-1 22-Sep-99 13:34:10</td> </tr> </table>						Copyright 1999 BLOOMBERG L.P. Frankfurt:69-920-410 Hong Kong:2-977-86000 London:171-330-7500 New York:212-318-2000		Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:03-3201-8900 Sao Paulo:11-3048-4500		1541-239-1 22-Sep-99 13:34:10																			
Copyright 1999 BLOOMBERG L.P. Frankfurt:69-920-410 Hong Kong:2-977-86000 London:171-330-7500 New York:212-318-2000																													
Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:03-3201-8900 Sao Paulo:11-3048-4500																													
1541-239-1 22-Sep-99 13:34:10																													
																													

FIG. 15

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A E F X

99) Options											FX SWAP		MARKET MONITOR		V2.3		Page 1/2	
2) EURUSD					3) GBPUSD					4) USDJPY								
10)	B	0.89	20)	0.91	30)	0.08	40)	0.11	50)	-1.35	60)	-1.42						
	B	EU100M+	EU100M	B					B	\$150M	B	T/N						
11)	B	5.885	21)	5.935	31)	6	41)	6.10	51)	200.00	61)	-11.865						
1W	B	EU 1Y+	EU100M	B					B	\$ 1M	\$ 1M	B	1W					
12)	B	26.00	22)	25.75	32)	3.85	42)	4.25	52)	200.00	62)	-49.14						
1M	B	EU 50M>	EU150M+>	B					B	\$ 25M	\$ 25M	B	1M					
13)	B	46.737	23)	46.938	33)	2.10	43)	2.60	53)	-96.40	63)	-96.234						
2M	B	EU500M+	EU 50M+	B					B	\$ 1M	\$ 1M	B	2M					
14)	B	76.10	24)	76.30	34)	12.800	44)	24.611	54)	-160.60	64)	-159.20						
3M	B	EU 50M+	EU 50M	B					B	\$150M	\$175M	B	3M					
15)	B	100.000	25)	99.725	35)	10.60	45)	12.00	55)	200.00	65)	-211.50						
4M	B	EU 30M>	EU 30M+	B					B	\$ 1M	\$ 1M	B	4M					
16)	B	90.00	26)	89.70	36)	8.750	46)	9.555	56)	-258.25	66)	-257.25						
5M	B	EU 30M>	EU 30M>b	B					B	\$ 1M	\$ 1M	B	5M					
17)	B	154.30	27)	219.59	37)	6.950	47)	8.455	57)	-309.25	67)	-308.25						
6M	B	EU 30M+	EU 30M>	B					B	\$ 1M	\$ 1M	B	6M					
18)	B	203.75	28)	205.70	38)	-8.500	48)	-6.555	58)	-461.50	68)	-460.50						
9M	B	EU 30M	EU 30M	B					B	\$ 1M	\$ 1M	B	9M					
19)	B	266.20	29)	266.40	39)	-9.28	49)	-6.28	59)	-622.00	69)	-620.00						
12M	B	EU500M>	EU 30M+	B					B	\$ 75M	\$ 75M	B	12M					

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FIG. 16

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AEFFX DG61 a Govt for explanation.

Tullett & Tokyo Limited MONITOR V2.62 Page 1/2

Read 2) EURUSD 3) XGBXUS 4) USDJPY

Only	1.0155	1.0160	1.6118	1.6125	103.01	103.11	
10	2.01	2.04	30	0.0640	0.0850	-4.5560	-4.52

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1W
1W
Trade Action
4.9/ 41 3.02 0.12 0.11 0.11 0.11
-10.00 0.01 -10.00 0.01
20 50 20

12)	25	80) Order One - Input order this side 81) Order Both - Input bid & ask Order	62) -50.30	1M
-----	----	---	------------	----

13)	49	82) Request quote this side 82) One - Request quote this side	63) -103.90	2M
-----	----	--	-------------	----

22M 14) 83) Quote Both - Request bid & ask quote
84) Hold all within same instrument

85) Release all within same instrument
Change Monitors

11	32	86	Market Monitor	4M
11	32	87	Market Monitor	4M
11	32	88	Market Monitor	4M
11	32	89	Market Monitor	4M

16) 114 87) Depth Monitor
16) 88) Action Monitor
5M 5M

17) 135 89) Single Market Monitor
90) Quote Monitor

18)	197	91) Defaults
-----	-----	--------------

9M 92) Menu 11 258 29 259 39) -22 4) -21 59) -607.50 6) -604.50

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I352-1150-0 16-Dec-98 13:59:48

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FIG. 17

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A E F X

99) Options FX SWAP SINGLE MARKET MONITOR
2) EURUSD
1.0349 1.0355
3) Filter Off

10	EU 1M	AAA EU 1M	0.66	O/N	30) 0.68				
11			0.68	T/N	31) 0.69	EU 1M	AAA	EU	1M
12			2.05	S/N	32) 2.10				
13	EU 10M	AAA EU 10M	4.74	1W	33) 4.78	EU 10M	AAA	EU	10M
14			9.43	2W	34) 9.50				
15			14.20	3W	35) 14.30				
16	EU 20M	AAA EU 20M	18.95	1M	36) 19.00	EU 50M >	AA	EU	70M
17	EU 20M	AAA EU 20M	41.60	2M	37) 41.23	EU 67M >	AA	EU145M	
18	EU100M	AA EU 20M+>	62.80	3M	38) 62.80	EU 20M+	AA	EU	70M
19	EU 90M	AA EU 50M >	85.35	4M	39) 85.60	EU 20M	AAA	EU	20M
20	EU 20M	AAA EU 20M	106.75	5M	40) 106.80	EU 22M >	AA	EU	82M
21	EU115M	AAA EU 20M >	128.32	6M	41) 128.70	EU 20M >	AAA	EU175M	
22			152.20	7M	42) 153.00				
23			175.00	8M	43) 176.00				
24	EU 60M	AA EU 40M >	199.60	9M	44) 200.50	EU 20M	AAA	EU	20M
25			222.00	10M	45) 223.00				
26			245.50	11M	46) 246.50				
27	EU 20M	AAA EU 20M	267.50	12M	47) 269.00	EU 20M	AAA	EU	20M
28			415.00	18M	48) 420.00				
29			568.00	24M	49) 570.00				

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 1541-239-1 22-Sep-99 13:31:28



FIG. 18

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A E F X

99) Options		FX	SWAP	DEPTH	MONITOR	Page	1 / 1
Sum	MMaker	CCY	EUR	USD	SPOT	1M	
4) 20M	AAA	EUR	20M	18.95	5)	19	50M EUR
					6)	19.05	20M EUR

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 1541-239-1 22-Sep-99 13:31:07



FIG. 19

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FX Market Depth Monitor									
DEM/USD 1M				Filter On/Off/Change					
Sum	Maker	Flag	CCY	Size	1.6892	Size	CCY	Maker	Sum
200M	AA	LDN	DEM	-12	-6	60M	DEM	AA- LDN	60M
220M	BBB+NYC	USD	20M	-12	-7	80M	DEM	OWN	140M
240M	AAA+NYC	BSO	DEM	-13	Edit	20M	DEM	BSO	AAA+LDN
						01/28/99 200M			260M
						04/28/99 220M			
						Back			

86

92

88

90

Page Fwd: Next Period

Page Back: Previous Period

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 1352-1156-2 05-Mar-99 16:25:50

FIG. 20

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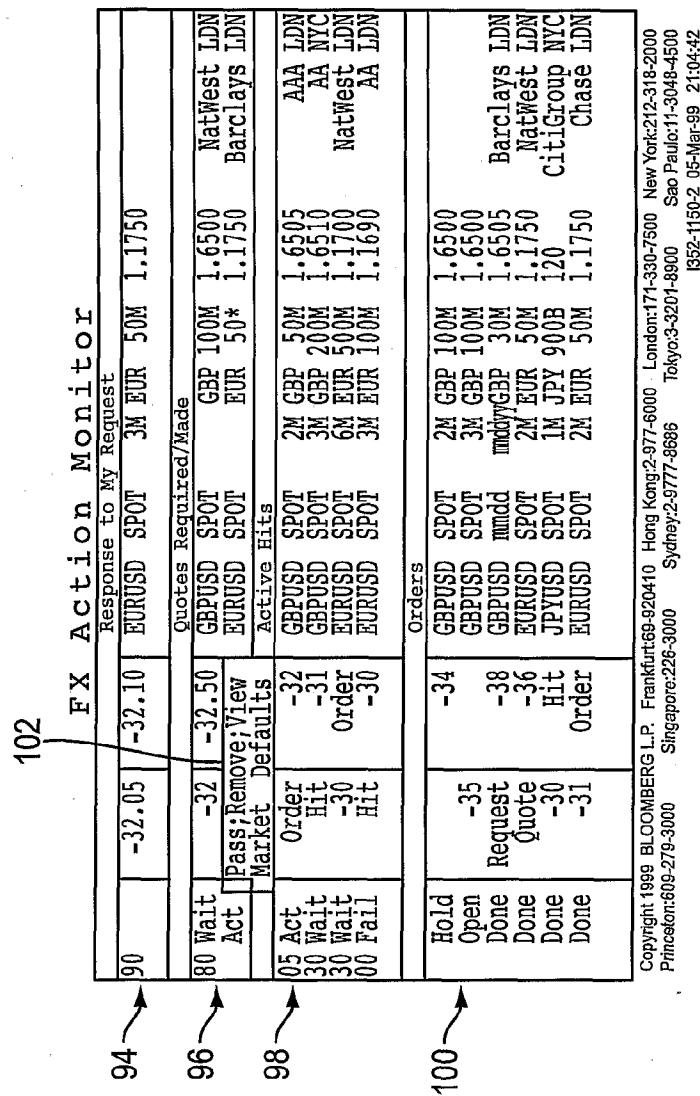


FIG. 21

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A E F X

FX SWAP REQUEST FOR QUOTE

Submit	Menu
1 <Go>	
GBP USD SPOT 9M	
Quantity	
Quote Bid Period	
<input type="checkbox"/> Near 1 M GBP <input type="checkbox"/> SPOT 11/26/99 <input type="checkbox"/> Far As Near <input type="checkbox"/> 9M <input type="checkbox"/> 8/29/00	
104 <input type="checkbox"/> 104 Choose up to 8 firms to request quote	
4 firms are willing to provide quotes	
NATIONAL WESTMINSTER BARCLAYS BANK PLC AIB GROUP TULLETT & TOKYO FORE	
108	

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 1352-1150-1 23-Nov-99 9:33:18

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FIG. 22

<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP REQUEST FOR QUOTE

Submit	Menu
1 <Go>	

XEUXUS SPOT 3M

Quantity
Quote Ask

Period			
Near	30	SPOT	12/20/99
Far	As Near	3M	3/20/00

Choose up to 8 firms to request quote

12 firms are willing to provide quotes

DEUTSCHE BANK AG	<input checked="" type="checkbox"/>	CHASE MANHATTAN BANK
CHINA STATE BANK LTD	<input type="checkbox"/>	UBS AG.
CHINA STATE BANK LTD	<input type="checkbox"/>	CHINA STATE BANK LTD
FLEET NATIONAL BANK	<input type="checkbox"/>	DAH SING BANK LTD
ABN AMRO BANK NV	<input type="checkbox"/>	TULLETT & TOKYO LOND
DAH SING BANK LTD	<input type="checkbox"/>	
DAH SING BANK LTD	<input type="checkbox"/>	

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1352-1150-3 16-Dec-99 13:23:44



FIG. 23

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<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP QUOTE PROVIDE					
<input type="button" value="Submit"/> <input type="button" value="Pass"/> <input type="button" value="2 <Go>"/>		<input type="button" value="Menu"/>			
XEU XUS SPOT 3M					
Current Price	Input Price	Quantity		Period	
Bid 73.075	73.575	Near Far	As Near M	SPOT 3M	12/20/99 3/20/00
Price Increment <input type="text" value="0.1"/>					
Requester AA FFI COMMERZBANK					
Identifier	10,496	12/16/99	State	Quote-at-Provider	
Copyright 1999 BLOOMBERG L.P. Frankfurt:69-920410 Hong Kong:2-977-6000 London:171-330-7500 New York:212-318-2000 Princeton:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-320-18900 Sao Paulo:11-3048-4500 I352-1150-0 16-Dec-99 13:24:33					
					

FIG. 24

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A E F X

99) Options	FX	SWAP	QUOTE	MONITOR	Page
2)Wait-3		EURUSD	SPOT 3W	EUR 10M	BANK-T
3)Wait-3		EURUSD	SPOT 3W	EUR 10M	BANK-T
4)Wait-3		EURUSD	SPOT 3W	EUR 10M	BARCLAYS BAN
5)Wait-3		EURUSD	SPOT 3W	EUR 10M	BANK-C
6)Wait-3		EURUSD	SPOT 3W	EUR 10M	BANK-G
7)Act -3	14.20	14.30	EURUSD SPOT 3W	EUR 10M	BANK-T
8)Act -3	14.30	Order	EURUSD SPOT 3W	EUR 10M	BANK-B

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 1541-239-1 22-Sep-99 13:31:41



FIG. 25

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<HELP> for explanation.

T u l l e t t & T o k y o L i m i t e d		99)Options		F X S W A P		M A R K E T		M O N I T O R		V 2 . 6 2		P a g e 1 / 2	
R e a d		2) X U S X J P		3) X G B X U S		4) U S D J P Y							
T / N	Only	106.50	106.55	1.6118	1.6125	103.01	103.11	10)	0.06	0.08	50)	-4.55	60) -4.52
1W	11)	Trade Action				51)	-10.80	61)	-10.70				
AA	12)	80)Edit				52)	-50.60	62)	-50.30				
1M	13)	81)Hold				53)	-104.40	63)	-103.90				
	14)	82)Off				54)	-150.40	64)	-149.50				
2M	15)	83)Order One - Input order this side				55)	-199.75	65)	-198.75				
	16)	84)Order Both - Input bid & ask order				56)	-252.25	66)	-251.25				
3M	17)	85)Quote One - Request quote this side				57)	-299.50	67)	-297.00				
	18)	86)Quote Both - Request bid & ask order				58)	\$ 50M	A 6M					
4M	19)	87)Hold all within same instrument											
	20)	88)Release all within same instrument											
5M	21)	Change Monitors											
	22)	89)Market Monitor											
6M	23)	90)Depth Monitor											
	24)	91>Action Monitor											
7M	25)	92)Single Market Monitor											
	26)	93)Quote Monitor											
8M	27)	94)Defaults											
	28)	95)Menu											
9M													
10M													
11M													
12M													

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 1352-1150-0 16-Dec-99 14:00:29

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FIG. 27

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<HELP> for explanation.
Your Order/Hit Action Is Required (AEFX).

99) Options FX SWAP MARKET MONITOR V2.62 Page 1/2

Read	2) X E U X U S	3) G B P U S D	MARKET MONITOR	4) U S D J P Y
Only	1.0376 1.0381	1.6081 1.6089		103.01 103.11
T/N	0.71 20) 0.73	30) 0.47 40) 0.55	50) -4.55 60) -4.52	¥ 10Y> AA T/N
1W	4.65 21) 4.70	31) 2.75 41) 3	51) -10.80 61) -10.70	1W
1M	25.90 22) 24.90	32) 10.70 42) 11	52) -50.50 62) -50.20	1M
13)	49.24 23) 49.30	33) 9.80 43) 10.20	53) -104.30 63) -103.80	2M
2M	73.08 24) 73.28	34) 8.60 44) 9.10	54) -150 64) -149.50	3M
3M	101.75 25) 101.76	35) 6.75 45) 7.50	55) -199.50 65) -198.50	4M
4M	108 26) 108.20	36) 5.25 46) 6	56) -252 66) -251	5M
5M	145.45 27) 145.25	37) 2.50 47) 3.50	57) -299.25 67) -297.00	6M
6M	196 28) 197	38) -5 48) -3	58) -454 68) -452	9M
9M	257 29) 258	39) -14 49) -12	59) -606.50 69) -603.50	12M

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Princeton:609-279-3000 1352-1150-3 16-Dec-99 13:20:20



FIG. 28

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<HELP> for explanation.
Tulliet & Tokyo Limited
99 Options Fx Swap Action Monitor
Responses to My Quote Request

		Quotes Required/Made		Active Hits			
						Orders	
9)ACT 70	Order	108.20	XEU/XUS	SPOT 5M	XEU	20M	1.0379 COMMERZBANK

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Princeton:609-278-3000 Singapore:226-3000 Sydney:2-977-8686 Tokyo:03-320-18800 São Paulo:11-500-4550
1352-1150-0 16-Dec-99 13:19:32

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FIG. 29

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<HELP> for explanation.
Tulliet & Tokyo Limited
99 Options FX SWAP ACTION MONITOR Responses to My Quote Request

		Quotes Required/Made			
		Active Hits			
		XEU	20M	1.0379	COMMERZBANK
9)	Trade Action				
80)	Accept				
81)	View				
82)	Reject credit & add firm restriction				
83)	Insufficient credit for this trade				
84)	Hold all within same instrument				
85)	Release all within same instrument				
	Change Monitors				
86)	Market Monitor				
87)	Depth Monitor				
88)	Action Monitor				
89)	Single Market Monitor				
90)	Quote Monitor				
91)	Defaults				
92)	Menu				

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Princeton:609-279-3000 1352-1150-0 16-Dec-99 13:19:57



30
FIG.

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<HELP> for explanation.
Tulliet & Tokyo Limited
 99) Options **FX SWAP ACTIION MONITOR**
 Responses to My Quote Request

		Quotes Required/Made	
		Trade Action	XEU 20M 1.0379 CHASE MANHAT
9)A	80)Accept		
	81)View		
	82)Hold all within same instrument		
	83)Release all within same instrument		
	Change Monitors		
	84)Market Monitor		
	85)Depth Monitor		
15)	86)Action Monitor		
16)	87)Single Market Monitor		
	88)Quote Monitor		
	89)Defaults		
	90)Menu		

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 1352-1150-3 16-Dec-99 13:20:56

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FIG. 31

<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP		MY HIT
Submit	Reject Credit	Insufficient
1 <Go>	2 <Go>	3 <Go>
		1) Enter Spot
		2) Current Spot
		1.0375
		10) 1.0374
		11) 1.0373
		20) 1.0376
		21) 1.0377
		12) 1.0372
		22) 1.0378
		13) 1.0371
		23) 1.0379
		14) 1.0370
		24) 1.0380
		15) 1.0369
		25) 1.0381
		16) 1.0368
		26) 1.0382
		17) 1.0367
		27) 1.0383
		18) 1.0366
		28) 1.0384
		19) 1.0365
		29) 1.0385
		Far As Near M
		Accept Spot
		Final Spot
		N
		Spot Increment
		0.0001
Identifier	10,486	12/16/99 State Hit-at-Hitter

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1352-1150-3 16-Dec-99 13:27:14



FIG. 32

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112 <HELP> for explanation.
Your Order/Hit Action Is Required (AEFX).
99 Options F X SWAP ACTION MONITOR Page 1/1
Responses to My Quote Request

DG61 a Govt A E F X

		Active Hits			Orders	
9) Act	85	Order	108.20	XEUXUS SPOT 5M	XEU	20M

Quotes Required/Made

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1352-1150-0 16-Dec-99 13:21:40

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FIG. 33

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<HELP> for explanation.

DG61 a Govt AEFX

F X S W A P M Y O R D E R																																			
Submit	<input type="button" value="Menu"/>	<table border="1"> <tr><td colspan="4">For Beta Testing Only</td></tr> <tr><td>Order_Status</td><td>35</td><td>Hit_Status</td><td>14</td></tr> <tr><td>Hit_Amount_Neg</td><td>221</td><td>Hit_Spot_Neg</td><td>2</td></tr> <tr><td colspan="4"></td></tr> </table>				For Beta Testing Only				Order_Status	35	Hit_Status	14	Hit_Amount_Neg	221	Hit_Spot_Neg	2																		
For Beta Testing Only																																			
Order_Status	35	Hit_Status	14																																
Hit_Amount_Neg	221	Hit_Spot_Neg	2																																
X E U X U S S P O T 5 M																																			
<table border="1"> <tr><td>Ask</td><td>108.200</td><td>SPOT</td><td>12/20/99</td><td>5M</td><td>5/22/00</td></tr> <tr><td colspan="6"></td></tr> </table>						Ask	108.200	SPOT	12/20/99	5M	5/22/00																								
Ask	108.200	SPOT	12/20/99	5M	5/22/00																														
<table border="1"> <tr><td colspan="2">My Terms</td><td>Accept</td><td>Amount</td><td colspan="2">FFT AA COMMERZBANK</td></tr> <tr><td>Near</td><td>20 M XEU</td><td><input checked="" type="checkbox"/></td><td>20 M XEU</td><td colspan="2"></td></tr> <tr><td>Far</td><td>As Near M</td><td><input type="checkbox"/></td><td>As Near M</td><td colspan="2"></td></tr> <tr><td>Final</td><td>Spot</td><td><input checked="" type="checkbox"/></td><td>Final Spot</td><td colspan="2">1.0375</td></tr> <tr><td colspan="6"></td></tr> </table>						My Terms		Accept	Amount	FFT AA COMMERZBANK		Near	20 M XEU	<input checked="" type="checkbox"/>	20 M XEU			Far	As Near M	<input type="checkbox"/>	As Near M			Final	Spot	<input checked="" type="checkbox"/>	Final Spot	1.0375							
My Terms		Accept	Amount	FFT AA COMMERZBANK																															
Near	20 M XEU	<input checked="" type="checkbox"/>	20 M XEU																																
Far	As Near M	<input type="checkbox"/>	As Near M																																
Final	Spot	<input checked="" type="checkbox"/>	Final Spot	1.0375																															
<table border="1"> <tr><td colspan="2">Spot Increment</td><td colspan="4"><input type="text" value="0.0001"/></td></tr> <tr><td colspan="6"></td></tr> </table>						Spot Increment		<input type="text" value="0.0001"/>																											
Spot Increment		<input type="text" value="0.0001"/>																																	
Identifier	10,486	12/16/99	State	Hit-at-Maker																															

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 1352-1150-0 16-Dec-99 13:22:01



FIG. 34

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<HELP> for explanation.
 Cleared AEFX Message.
 99) Options F X SWAP ACTION MONITOR
 Responses to My Quote Request

Active Hits						Orders
9) Done	Order	108.20	XEUXUS	SPOT 5M	XEU	20M

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 1352-1150-0 16-Dec-99 13:22:08
 Sao Paulo:11-3048-4500

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FIG. 35

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<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP TRADE

Menu

XEU XUS SPOT 5M

Price	Quantity			Period
	Near	20 M	XEU	
Ask	108.200	Near	20 M	SPOT 12/20/99
Final Spot	1.0375	Far	XEU	5M 5/22/00
X Rate	1.0483200			

Cash Flows

CHASE MANHAT PAR	COMMERZBANK	FFT
20,000,000.00	XEU 12/20/99	(20,750,000.00)
(20,000,000.00)	XEU 5/22/00	20,966,400.00

Identifier 10,486 12/16/99 State Done

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 Princeton:609-279-3000



FIG. 36

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EX

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FIG. 37

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114 <HELP> for explanation.
 Your Quote Action Is Required (AEFX)
 99) Options FX SWAP ACTIION MONITOR
 Responses to My Quote Request

Quotes Required/Made			
6)Act	84	XEUXUS	SPOT 3M
			COMMERZBANK
Active Hits			
Orders			

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 Princeville:609-279-3000 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8900
 1352-1150-0 16-Dec-99 13:23:59
 Sao Paulo:11-3048-4500

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FIG. 38

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<HELP> for explanation.
Tulliet & Tokyo Limited
99)Options Fx Swap Market Monitor Responses to My Quote Request

		25) XEUXUS		SPOT	3M	XEU	30M
		Quotes Required/Made					
		Active Hits					
Orders							
15) Live	12.52	Order	XUSXJP	SPOT	1W	XUS	1M
16) Live	Order	-90.225	XUSXJP	SPOT	2M	XUS	2M

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FIG. 39

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<HELP> for explanation.

Screen Printed **F X S W A P A C T I O N M O N I T O R**
 99) Options Responses to My Quote Request

Quotes Required/Made			
6)Act	64	XEUXUS	SPOT 3M XEU 30M
			COMMERZBANK
Active Hits			
Trade Action			
80)Provide quote			
81)Pass			
82)Hold all within same instrument			
83)Release all within same instrument			
Change Monitors			
84)Market Monitor			
85)Depth Monitor			
86)Action Monitor			
87)Single Market Monitor			
88)Quote Monitor			
89)Defaults			
90)Menu			

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 1352-1150-0 16-Dec-99 13:24:22

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FIG. 40

				DG61 a Govt A E F X	
				Page 1/1	
				MONITOR	
99) Options		Responses to My Quote Request			
		4)	73.575	25) XEUXUS SPOT 3M	XEU 30M
		Quotes Required/Made			
		Trade Action			
		80) Execute/View			
		81) Order One - Input order this side			
		82) Order Both - Input bid & ask order			
		83) Quote One - Request quote this side			
		84) Quote Both - Request bid & ask quote			
		85) Hold all within same instrument			
		86) Release all within same instrument			
		Change Monitors			
		87) Market Monitor			
		88) Depth Monitor			
		89) Action Monitor			
		90) Single Market Monitor			
		91) Quote Monitor			
		92) Defaults			
		93) Menu			
15)					
16)					

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 1352-1150-3 16-Dec-99 13:25:01

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FIG. 42

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<HELP> for explanation.

DG61 a Govt AEFX

FX SWAP QUOTE HIT		XEU US SPOT 3M		Period	
		Quantity			
Price		30 M XEU		SPOT 3M 3/20/00	
Ask	73.575	Near Far	As Near M		
Requester		Provider			
COMMERZBANK		CHASE MANHAT		PAR AA	

1 <Go>

Menu

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 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8800 Sao Paulo:11-3048-4550
 Princeton:609-279-3000 1352-1150-3 16-Dec-99 13:25:07



FIG. 43

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<HELP> for explanation.

Cleared AEFX Message.

EX 99.9 Options

cleared AFX Message.
FX
(99)options

<HELP> for explanation.
Cleared AEFX Message.
99)Options F X SWAP ACTION MONITOR Responses to My Quote Request

		Quotes Required/Made			
		Active Hits			
				Orders	
9)Act	85	Quote	73.575	XEUUS	SPOT 3M
				XEU	30M
					1.0379 COMMERZBANK

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Singapore:226-3000 Sydney:2-9777-8686 Tokyo:0-3-320-18930 São Paulo:0-10-4048-4500
Princeton:609-279-3000

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FIG. 44

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<HELP> for explanation.			DG61 a Govt			A E F X		
Tullett & Tokyo Limited 99)Options FX SWAP ACTION MONITOR			Page 1/1			Responses to My Quote Request		
			Quotes Required/Made					
			Active Hits					
9)Wait	79	Request	73.575	XEUXUS	SPOT 3M	XEU	30M	1.0379 CHASE MANHAT
			Orders					
15)Live	-12.52	Order	-90.225	XUSXJP	SPOT 1W	XUS	1M	
16)Live				XUSXJP	SPOT 2M	XUS	2M	

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 1352-1150-3 16-Dec-99 13:25:23

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FIG. 45

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<HELP> for explanation.

Screen Printed FX SWAP ACTION MONITOR
 99) Options Responses to My Quote Request

Quotes Required/Made		

Active Hits						
9)Act	76	Request	73.575	XEUXUS SPOT 3M	XEU 30M	1.0379 CHASE MANHAT
15)Live	-12.52	Order	XUSXJP SPOT 1W	XUS 1M		

Orders						
16)Live	Order	-90.25	XUSXJP SPOT 2M	XUS 2M		

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 1352-1150-3 16-Dec-99 13:25:57

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FIG. 46

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<HELP> for explanation.

Screen Printed
99) Options

itition. DG61 a Govt Page 1/1 A E F X

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London: 171-330-7500 New York: 212-318-2000
San Paulo: 11-304-4500 Tokyo: 3-3201-8900
Sydney: 2-9777-8886 Tel Aviv: 3-1150-3
16-Dec-98: 13-26-05

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FIG. 47

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<HELP> for explanation.

DG61 a Govt A E F X

F X S W A P T R A D E

Menu

X E U X U S S P O T 3 M

Price		Quantity		Period	
Ask	73.575	Near	30 M XEU	SPOT	12/20/99
Final Spot	1.0379	Far	As Near M	3M	3/20/00
X Rate	1.0452575				

Cash Flows

CHASE MANHATTAN	PAR	COMMERZBANK	FFT
30,000,000.00	XEU 12/20/99	XUS (31,137,000.00)	
(30,000,000.00)	XEU 3/20/00	XUS 31,357,725.00	

Identifier 10,496 12/16/99 State Done

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 Singapore:226-3000 Sydney:2-9777-8686 Tokyo:3-3201-8900 Sao Paulo:11-3048-4500
 Princeton:609-279-3000 1332-1150-0 16-Dec-99 13:26:18



FIG. 48